COVERAGE NAME: TOS

COVERAGE AREA: Districts, Statewide

COVERAGE DESCRIPTION: TOS is a point coverage representing existing and proposed Traffic Operational Systems in California that are located on the California State Highway System. These systems include Ramp Meters, Detection Stations (not including Census Stations), Changeable Message Sign, Closed Circuit Television, and Highway Advisory Radio.

USER NOTES:

The location of TOS systems in this coverage are based on postmiles from a Filemaker Pro database managed by Traffic Operations, Freeway Operations Branch. For more information about this data, contact the Caltrans Traffic Operations GIS Coordinator.

The TOS systems in this coverage were placed with dynamic segmentation and are based on the postmiles in the Ramp Meter/TOS database. These postmiles reflect the general location of each TOS system element in relation to the mainline.

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 degrees N
2nd Std. Parallel:	40.5 degrees N
Longitude of Origin:	-120 degrees W
Latitude of Origin:	0 degrees N
False Easting:	0
False Northing:	-4,000,000
Source:	Caltrans HQ Traffic Operations
Source Media:	
Source Projection:	
Source Units:	
Source Scale:	
Capture Method:	Generated from Caltrans county, route, prefix, postmiles and route alignment.
Conversion Software:	
Data Structure:	Vector
ARC/INFO Coverage Type:	Point
ARC/INFO Precision:	
ARC/INFO Tolerances:	
Frequency of Updates:	As needed
Data Updated:	October 1998
Update Media:	
Update Method:	
Update Software:	

DATA DICTIONARY:

File name: TOS
Record length: 105

NOTE: Items common to all point coverages: AREA, PERIMETER, <coverage>#, and <coverage>-ID are not described here.

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
17	TOS_CODE	10	10	C	-
27	DIST	2	2	I	-
29	CO	3	3	C	-
32	RTE	3	3	I	-
35	PPM1	1	1	C	-
36	PM1	7	7	N	3
43	SPM1	1	1	C	-
44	DIR	2	2	C	-
46	LOC	40	40	C	-
86	EXIST	1	1	I	-
87	TOS_TYPE	2	2	I	-
89	TURNON	8	8	D	-
97	EA_BASE	5	5	C	-
102	EA_PHASE	1	1	C	-
103	LNS	1	1	I	-
104	HOV	1	1	I	-
105	FUNDED	1	1	I	-

REDEFINED ITEMS

97	EA	6	6	C	-

ITEM DESCRIPTIONS:

TOS_CODE   Unique identifier

DIST: District

CO: County abbreviation

RTE: Legislative route number (TASAS postmile route number)

PPM1:   Postmile Prefix

PM1:   Postmile

SPM1:   Postmile Suffix

DIR   Direction

LOC: Location Description

EXIST: 0 = No (proposed)
             1 = Yes (Operational)
             2 = Construction

TOS_TYPE: Type of TOS element
                1 = Ramp Meter
                2 = Detection stations only (does not include census stations)
                3 = Changeable Message Sign (CMS)
                4 = Closed Circuit Television (CCTV)
                5 = Highway Advisory Radio (HAR)
                6 = *(future)*

TURNON: Date of turn on (if available)

EA_BASE   Expenditure Authorization - First 5 digits

EA_PHASE Expenditure Authorization - last digit indicating phase

LNS: Number of lanes on ramp (Ramp Meters Only)

HOV: Existence of High Occupancy Vehicle (carpool) lane (RampMeters only)
                0 = No
                1 = Yes

FUNDED   Programmed Project
                0 = No
                1 = Yes

EA   EA_BASE and EA_PHASE combined

RELATIONAL DATA DESCRIPTION:

Currently there are no data relationships established.

DATABASE RELATION:

Currently there are no database relationships established.

DATA QUALITY ASSESSMENT: